

File 351:Derwent WPI 1963-2005/UD,UM &UP=200549

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DIALOG(R)File 351:Derwent WPI  
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009015028 \*\*Image available\*\*

WPI Acc No: 1992-142364/199218

XRPX Acc No: N92-106518

Paper destructor - contains cutting mechanism driven by motor and  
reception chamber for paper to be shredded

Patent Assignee: IDEAL-W KRUG & PRIE (KRUG-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 4133921	A	19920423	DE 4133921	A	19911012	199218 B

Priority Applications (No Type Date): DE 90U14543 U 19901020

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
DE 4133921	A	9		CIP of patent DE 14543

Abstract (Basic): DE 4133921 A

The paper destructor incorporates a drive motor (1), on the shaft (2) of which a pinion (3) is formed. This pinion engages a gearwheel (4) of a gear (5) for driving a cutting mechanism (6). No housing is required for the drive motor, and it incorporates a stator (7) and a rotor (8) arranged between two plates (9,10). Both plates and the stator are mounted on four bolts (11). Each bolt has four milled edges (17-20) which locate inside holes (14,15) in the sheets (9,10) when the drive motor is installed.

A reception chamber is provided for the paper to be shredded, and is positioned at least partly near to and above the cutting mechanism. In the floor of the chamber is an aperture closable by a valve. The working direction of the cutting mechanism (6) runs inclined to the floor of the reception chamber at an angle of 60 deg.

USE - For shredding paper.

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Title Terms: PAPER; DESTROY; CONTAIN; CUT; MECHANISM; DRIVE; MOTOR;  
RECEPTION; CHAMBER; PAPER; SHRED

Derwent Class: P41

International Patent Class (Additional): B02C-018/06

File Segment: EngPI